

H-M Chang

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134
papers

3,022
citations

30
h-index

48
g-index

140
ext. papers

3,815
ext. citations

5.1
avg, IF

5.61
L-index

#	Paper	IF	Citations
134	Transgenerational glucose intolerance with Igf2/H19 epigenetic alterations in mouse islet induced by intrauterine hyperglycemia. <i>Diabetes</i> , 2012 , 61, 1133-42	0.9	199
133	Oocyte-somatic cell interactions in the human ovary-novel role of bone morphogenetic proteins and growth differentiation factors. <i>Human Reproduction Update</i> , 2016 , 23, 1-18	15.8	137
132	Antimüllerian hormone inhibits follicle-stimulating hormone-induced adenylyl cyclase activation, aromatase expression, and estradiol production in human granulosa-lutein cells. <i>Fertility and Sterility</i> , 2013 , 100, 585-92.e1	4.8	117
131	Transcriptome Landscape of Human Folliculogenesis Reveals Oocyte and Granulosa Cell Interactions. <i>Molecular Cell</i> , 2018 , 72, 1021-1034.e4	17.6	116
130	Long-term growth and steroidogenic potential of human granulosa-lutein cells immortalized with SV40 large T antigen. <i>Molecular and Cellular Endocrinology</i> , 1996 , 120, 169-76	4.4	110
129	Transforming growth factor- β inhibits trophoblast cell invasion by inducing Snail-mediated down-regulation of vascular endothelial-cadherin protein. <i>Journal of Biological Chemistry</i> , 2013 , 288, 33181-92	5.4	72
128	Constitutive and conditional cadherin expression in cultured human ovarian surface epithelium: influence of family history of ovarian cancer. <i>International Journal of Cancer</i> , 1999 , 81, 180-8	7.5	72
127	Endocrine signaling in ovarian surface epithelium and cancer. <i>Human Reproduction Update</i> , 2007 , 13, 143-62	15.8	65
126	Oocyte-derived BMP15 but not GDF9 down-regulates connexin43 expression and decreases gap junction intercellular communication activity in immortalized human granulosa cells. <i>Molecular Human Reproduction</i> , 2014 , 20, 373-83	4.4	58
125	BMP15 suppresses progesterone production by down-regulating StAR via ALK3 in human granulosa cells. <i>Molecular Endocrinology</i> , 2013 , 27, 2093-104		57
124	Kisspeptin/Kisspeptin Receptor System in the Ovary. <i>Frontiers in Endocrinology</i> , 2017 , 8, 365	5.7	55
123	Activin receptor signaling. <i>Growth Factors</i> , 2004 , 22, 105-10	1.6	55
122	Hypoxia-inducible factor 1 alpha mediates epidermal growth factor-induced down-regulation of E-cadherin expression and cell invasion in human ovarian cancer cells. <i>Cancer Letters</i> , 2013 , 329, 197-206 ^{9.9}		50
121	TGF- β induces COX-2 expression and PGE2 production in human granulosa cells through Smad signaling pathways. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1217-26	5.6	46
120	TGF- β downregulates StAR expression and decreases progesterone production through Smad3 and ERK1/2 signaling pathways in human granulosa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E2234-43	5.6	46
119	Adjuvant treatment strategies in ovarian stimulation for poor responders undergoing IVF: a systematic review and network meta-analysis. <i>Human Reproduction Update</i> , 2020 , 26, 247-263	15.8	46
118	Effects of growth differentiation factor 8 on steroidogenesis in human granulosa-lutein cells. <i>Fertility and Sterility</i> , 2016 , 105, 520-8	4.8	44

117	Effects of recombinant activins on steroidogenesis in human granulosa-lutein cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1922-32	5.6	44
116	Neurotrophins and glial cell line-derived neurotrophic factor in the ovary: physiological and pathophysiological implications. <i>Human Reproduction Update</i> , 2019 , 25, 224-242	15.8	44
115	Transforming growth factor- β up-regulates connexin43 expression in human granulosa cells. <i>Human Reproduction</i> , 2015 , 30, 2190-201	5.7	43
114	Cell motility and spreading are suppressed by HOXA4 in ovarian cancer cells: possible involvement of beta1 integrin. <i>Molecular Cancer Research</i> , 2009 , 7, 1425-37	6.6	41
113	Multiple roles of the candidate oncogene ZNF217 in ovarian epithelial neoplastic progression. <i>International Journal of Cancer</i> , 2007 , 120, 1863-73	7.5	40
112	A Lancet Commission on 70 years of women's reproductive, maternal, newborn, child, and adolescent health in China. <i>Lancet, The</i> , 2021 , 397, 2497-2536	4.0	38
111	Interaction of prostaglandin F2alpha and gonadotropin-releasing hormone on progesterone and estradiol production in human granulosa-luteal cells. <i>Biology of Reproduction</i> , 1997 , 57, 1346-53	3.9	36
110	Activin A, B and AB decrease progesterone production by down-regulating StAR in human granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2015 , 412, 290-301	4.4	34
109	Mesenchymal stem cell-derived angiogenin promotes primordial follicle survival and angiogenesis in transplanted human ovarian tissue. <i>Reproductive Biology and Endocrinology</i> , 2017 , 15, 18	5	33
108	TGF- β up-regulates connexin43 expression: a potential mechanism for human trophoblast cell differentiation. <i>Journal of Cellular Physiology</i> , 2015 , 230, 1558-66	7	32
107	Growth differentiation factor 8 suppresses cell proliferation by up-regulating CTGF expression in human granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2016 , 422, 9-17	4.4	32
106	TGF- β Up-Regulates Connective Tissue Growth Factor Expression in Human Granulosa Cells through Smad and ERK1/2 Signaling Pathways. <i>PLoS ONE</i> , 2015 , 10, e0126532	3.7	31
105	Growth differentiation factor 8 down-regulates pentraxin 3 in human granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2015 , 404, 82-90	4.4	30
104	Molecular cloning of the full-length cDNA encoding the human calbindin-D9k. <i>FEBS Letters</i> , 1992 , 307, 224-8	3.8	30
103	Recombinant BMP4 and BMP7 downregulate pentraxin 3 in human granulosa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E365-74	5.6	28
102	Transforming growth factor- β increases lysyl oxidase expression by downregulating MIR29A in human granulosa lutein cells. <i>Reproduction</i> , 2016 , 152, 205-13	3.8	28
101	GnRH regulates trophoblast invasion via RUNX2-mediated MMP2/9 expression. <i>Molecular Human Reproduction</i> , 2016 , 22, 119-29	4.4	28
100	Potential roles for the kisspeptin/kisspeptin receptor system in implantation and placentation. <i>Human Reproduction Update</i> , 2019 , 25, 326-343	15.8	28

99	Theca-derived BMP4 and BMP7 down-regulate connexin43 expression and decrease gap junction intercellular communication activity in immortalized human granulosa cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E437-45	5.6	27
98	Porcine calbindin-D9k gene: expression in endometrium, myometrium, and placenta in the absence of a functional estrogen response element in intron A. <i>Biology of Reproduction</i> , 1995 , 52, 115-23	3.9	27
97	Recombinant BMP4 and BMP7 increase activin A production by up-regulating inhibin β subunit and furin expression in human granulosa-lutein cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E375-86	5.6	26
96	BMP4 and BMP7 Suppress StAR and Progesterone Production via ALK3 and SMAD1/5/8-SMAD4 in Human Granulosa-Lutein Cells. <i>Endocrinology</i> , 2015 , 156, 4269-80	4.8	26
95	TGF- β Inhibits Human Trophoblast Cell Invasion by Upregulating Connective Tissue Growth Factor Expression. <i>Endocrinology</i> , 2017 , 158, 3620-3628	4.8	25
94	Connective tissue growth factor mediates growth differentiation factor 8-induced increase of lysyl oxidase activity in human granulosa-lutein cells. <i>Molecular and Cellular Endocrinology</i> , 2016 , 434, 186-98	4.4	25
93	Gonadotropin-releasing hormone regulates human trophoblastic cell invasion via TWIST-induced N-cadherin expression. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E19-29	5.6	23
92	Gonadotropin-releasing hormone type II induces apoptosis of human endometrial cancer cells by activating GADD45 α . <i>Cancer Research</i> , 2009 , 69, 4202-8	10.1	23
91	Transforming growth factor- β stimulates human ovarian cancer cell migration by up-regulating connexin43 expression via Smad2/3 signaling. <i>Cellular Signalling</i> , 2015 , 27, 1956-62	4.9	22
90	Review: Recent advances in the understanding of the pathophysiology of neuromyelitis optica spectrum disorder. <i>Neuropathology and Applied Neurobiology</i> , 2020 , 46, 199-218	5.2	22
89	Sphingosine-1-phosphate induces COX-2 expression and PGE2 production in human granulosa cells through a S1P1/3-mediated YAP signaling. <i>Cellular Signalling</i> , 2016 , 28, 643-51	4.9	21
88	SNAIL Mediates TGF- β -Induced Downregulation of Pentraxin 3 Expression in Human Granulosa Cells. <i>Endocrinology</i> , 2018 , 159, 1644-1657	4.8	20
87	ALK2/ALK3-BMP2/ACVR2A Mediate BMP2-Induced Downregulation of Pentraxin 3 Expression in Human Granulosa-Lutein Cells. <i>Endocrinology</i> , 2017 , 158, 3501-3511	4.8	20
86	β 1,4-Galactosyltransferase III suppresses extravillous trophoblast invasion through modifying α 5 β 1-integrin glycosylation. <i>Placenta</i> , 2015 , 36, 357-64	3.4	20
85	TGF- β stimulates migration of type II endometrial cancer cells by down-regulating PTEN via activation of SMAD and ERK1/2 signaling pathways. <i>Oncotarget</i> , 2016 , 7, 61262-61272	3.3	20
84	Identification of potential metabolic biomarkers of polycystic ovary syndrome in follicular fluid by SWATH mass spectrometry. <i>Reproductive Biology and Endocrinology</i> , 2019 , 17, 45	5	19
83	Growth Differentiation Factor-8 Decreases StAR Expression Through ALK5-Mediated Smad3 and ERK1/2 Signaling Pathways in Luteinized Human Granulosa Cells. <i>Endocrinology</i> , 2015 , 156, 4684-94	4.8	19
82	Activin A-induced increase in LOX activity in human granulosa-lutein cells is mediated by CTGF. <i>Reproduction</i> , 2016 , 152, 293-301	3.8	19

81	Bone Morphogenetic Protein 2 Promotes Human Trophoblast Cell Invasion by Inducing Activin A Production. <i>Endocrinology</i> , 2018 , 159, 2815-2825	4.8	18
80	Amphiregulin induces human ovarian cancer cell invasion by down-regulating E-cadherin expression. <i>FEBS Letters</i> , 2014 , 588, 3998-4007	3.8	18
79	Activin B induces human endometrial cancer cell adhesion, migration and invasion by up-regulating integrin β via SMAD2/3 signaling. <i>Oncotarget</i> , 2015 , 6, 31659-73	3.3	18
78	Bone morphogenetic protein 2 regulates cell-cell communication by down-regulating connexin43 expression in luteinized human granulosa cells. <i>Molecular Human Reproduction</i> , 2017 , 23, 155-165	4.4	18
77	Adenosine triphosphate induces activation of caspase-3 in apoptosis of human granulosa-luteal cells. <i>Endocrine Journal</i> , 2005 , 52, 327-35	2.9	17
76	Betacellulin induces Slug-mediated down-regulation of E-cadherin and cell migration in ovarian cancer cells. <i>Oncotarget</i> , 2016 , 7, 28881-90	3.3	17
75	Differential activation of noncanonical SMAD2/SMAD3 signaling by bone morphogenetic proteins causes disproportionate induction of hyaluronan production in immortalized human granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2016 , 428, 17-27	4.4	17
74	BMP6 Downregulates GDNF Expression Through SMAD1/5 and ERK1/2 Signaling Pathways in Human Granulosa-Lutein Cells. <i>Endocrinology</i> , 2018 , 159, 2926-2938	4.8	16
73	EGF-Induced Connexin43 Negatively Regulates Cell Proliferation in Human Ovarian Cancer. <i>Journal of Cellular Physiology</i> , 2016 , 231, 111-9	7	16
72	Regulation of LH secretion by RFRP-3 - From the hypothalamus to the pituitary. <i>Frontiers in Neuroendocrinology</i> , 2019 , 52, 12-21	8.9	16
71	Hyperhomocysteinemia Promotes Insulin Resistance and Adipose Tissue Inflammation in PCOS Mice Through Modulating M2 Macrophage Polarization via Estrogen Suppression. <i>Endocrinology</i> , 2017 , 158, 1181-1193	4.8	15
70	TGF β induces endometrial cancer cell adhesion and migration by up-regulating integrin α β via SMAD-independent MEK-ERK1/2 signaling. <i>Cellular Signalling</i> , 2017 , 34, 92-101	4.9	15
69	Transforming growth factor- β induces human ovarian cancer cell invasion by down-regulating E-cadherin in a Snail-independent manner. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 461, 128-35	3.4	15
68	TGF- β inhibits human trophoblast cell invasion by upregulating cyclooxygenase-2. <i>Placenta</i> , 2018 , 68, 44-51	3.4	15
67	Gonadotropin-releasing hormone type II (GnRH-II) agonist regulates the motility of human decidual endometrial stromal cells: possible effect on embryo implantation and pregnancy. <i>Biology of Reproduction</i> , 2015 , 92, 98	3.9	14
66	Activin B promotes endometrial cancer cell migration by down-regulating E-cadherin via SMAD-independent MEK-ERK1/2-SNAIL signaling. <i>Oncotarget</i> , 2016 , 7, 40060-40072	3.3	14
65	Melatonin improves the effect of cryopreservation on human oocytes by suppressing oxidative stress and maintaining the permeability of the oolemma. <i>Journal of Pineal Research</i> , 2021 , 70, e12707	10.4	14
64	Stimulation of progesterone and prostaglandin E2 production by lipoxygenase metabolites of arachidonic acid. <i>FEBS Letters</i> , 1989 , 244, 154-8	3.8	13

63	TGF- β induces VEGF expression in human granulosa-lutein cells: a potential mechanism for the pathogenesis of ovarian hyperstimulation syndrome. <i>Experimental and Molecular Medicine</i> , 2020 , 52, 450-460	12.8	12
62	GDNF-Induced Downregulation of miR-145-5p Enhances Human Oocyte Maturation and Cumulus Cell Viability. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 2510-2521	5.6	12
61	SMAD1/5 mediates bone morphogenetic protein 2-induced up-regulation of BAMBI expression in human granulosa-lutein cells. <i>Cellular Signalling</i> , 2017 , 37, 52-61	4.9	12
60	Bone morphogenetic protein 2 induces the activation of WNT/ β -catenin signaling and human trophoblast invasion through up-regulating BAMBI. <i>Cellular Signalling</i> , 2020 , 67, 109489	4.9	12
59	TGF- β up-regulates cadherin-11 expression through Snail: A potential mechanism for human trophoblast cell differentiation. <i>Cellular Signalling</i> , 2018 , 43, 55-61	4.9	11
58	Lithium chloride inhibits StAR and progesterone production through GSK-3 β and ERK1/2 signaling pathways in human granulosa-lutein cells. <i>Molecular and Cellular Endocrinology</i> , 2018 , 461, 89-99	4.4	11
57	Activin A upregulates PTGS2 expression and increases PGE2 production in human granulosa-lutein cells. <i>Reproduction</i> , 2016 , 152, 655-664	3.8	11
56	Sphingosine-1-phosphate promotes ovarian cancer cell proliferation by disrupting Hippo signaling. <i>Oncotarget</i> , 2017 , 8, 27166-27176	3.3	11
55	Growth differentiation factor 8 induces SKOV3 ovarian cancer cell migration and E-cadherin down-regulation. <i>Cellular Signalling</i> , 2016 , 28, 1615-22	4.9	11
54	EpCAM is up-regulated by EGF via ERK1/2 signaling and suppresses human epithelial ovarian cancer cell migration. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 457, 256-61	3.4	10
53	Loss of CDYL Results in Suppression of CTNNB1 and Decreased Endometrial Receptivity. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 105	5.7	10
52	Gonadal steroids regulate the expression of aggrecanases in human endometrial stromal cells in vitro. <i>Journal of Cellular and Molecular Medicine</i> , 2013 , 17, 1325-34	5.6	10
51	Gonadotrophin-releasing hormone antagonist induces apoptosis in human decidual stromal cells: effect on GADD45 β and MAPK signaling. <i>Human Reproduction</i> , 2012 , 27, 795-804	5.7	10
50	Sprouty2 inhibits amphiregulin-induced down-regulation of E-cadherin and cell invasion in human ovarian cancer cells. <i>Oncotarget</i> , 2016 , 7, 81645-81660	3.3	10
49	Roles of TGF- β Superfamily Proteins in Extravillous Trophoblast Invasion. <i>Trends in Endocrinology and Metabolism</i> , 2021 , 32, 170-189	8.8	10
48	Increased Expression of KISS1 and KISS1 Receptor in Human Granulosa Lutein Cells-Potential Pathogenesis of Polycystic Ovary Syndrome. <i>Reproductive Sciences</i> , 2019 , 26, 1429-1438	3	10
47	BMP6 increases TGF- β production by up-regulating furin expression in human granulosa-lutein cells. <i>Cellular Signalling</i> , 2019 , 55, 109-118	4.9	10
46	Prevalence of polycystic ovary syndrome in a metabolically healthy obese population. <i>International Journal of Gynecology and Obstetrics</i> , 2019 , 146, 164-169	4	9

45	hCG-induced Sprouty2 mediates amphiregulin-stimulated COX-2/PGE2 up-regulation in human granulosa cells: a potential mechanism for the OHSS. <i>Scientific Reports</i> , 2016 , 6, 31675	4.9	9
44	Lithium Chloride Increases COX-2 Expression and PGE2 Production in a Human Granulosa-Lutein SVOG Cell Line Via a GSK-3 β /Catenin Signaling Pathway. <i>Endocrinology</i> , 2017 , 158, 2813-2825	4.8	9
43	Growth hormone-releasing hormone antagonist inhibits the invasiveness of human endometrial cancer cells by down-regulating twist and N-cadherin expression. <i>Oncotarget</i> , 2017 , 8, 4410-4421	3.3	9
42	Bone morphogenetic protein 2 promotes human trophoblast cell invasion and endothelial-like tube formation through ID1-mediated upregulation of IGF binding protein-3. <i>FASEB Journal</i> , 2020 , 34, 3151-3164	0.0	9
41	ALK4-SMAD2/3-SMAD4 signaling mediates the activin A-induced suppression of PTX3 in human granulosa-lutein cells. <i>Molecular and Cellular Endocrinology</i> , 2019 , 493, 110485	4.4	8
40	Follicular localization of growth differentiation factor 8 and its receptors in normal and polycystic ovary syndrome ovaries. <i>Biology of Reproduction</i> , 2018 , 98, 683-694	3.9	8
39	Loss of Sprouty2 in human high-grade serous ovarian carcinomas promotes EGF-induced E-cadherin down-regulation and cell invasion. <i>FEBS Letters</i> , 2015 , 589, 302-9	3.8	8
38	Rapid effect of GNRH1 on follicle-stimulating hormone beta gene expression in LbetaT2 mouse pituitary cells requires the progesterone receptor. <i>Biology of Reproduction</i> , 2009 , 81, 243-9	3.9	8
37	Activin A promotes ovarian cancer cell migration by suppressing E-cadherin expression. <i>Experimental Cell Research</i> , 2019 , 382, 111471	4.2	7
36	TGF- β Increases GDNF Production by Upregulating the Expression of GDNF and Furin in Human Granulosa-Lutein Cells. <i>Cells</i> , 2020 , 9,	7.9	7
35	Connective tissue growth factor mediates TGF- β -induced low-grade serous ovarian tumor cell apoptosis. <i>Oncotarget</i> , 2017 , 8, 85224-85233	3.3	7
34	Raman spectroscopy of follicular fluid and plasma with machine-learning algorithms for polycystic ovary syndrome screening. <i>Molecular and Cellular Endocrinology</i> , 2021 , 523, 111139	4.4	7
33	The BMP2 Signaling Axis Promotes Invasive Differentiation of Human Trophoblasts. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 607332	5.7	6
32	Betacellulin enhances ovarian cancer cell migration by up-regulating Connexin43 via MEK-ERK signaling. <i>Cellular Signalling</i> , 2020 , 65, 109439	4.9	5
31	BMP2 increases the production of BDNF through the upregulation of proBDNF and furin expression in human granulosa-lutein cells. <i>FASEB Journal</i> , 2020 , 34, 16129-16143	0.9	5
30	Bone morphogenetic protein 2 increases lysyl oxidase activity via up-regulation of snail in human granulosa-lutein cells. <i>Cellular Signalling</i> , 2019 , 53, 201-211	4.9	5
29	TGF- β promotes hyaluronan synthesis by upregulating hyaluronan synthase 2 expression in human granulosa-lutein cells. <i>Cellular Signalling</i> , 2019 , 63, 109392	4.9	4
28	ID3 mediates the TGF- β -induced suppression of matrix metalloproteinase-1 in human granulosa cells. <i>FEBS Journal</i> , 2019 , 286, 4310-4327	5.7	4

27	TGF- β promotes vitamin D-induced prostaglandin E2 synthesis by upregulating vitamin D receptor expression in human granulosa-lutein cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E710-E722	6	4
26	Elevated CD14CD16 Monocytes in Hyperhomocysteinemia-Associated Insulin Resistance in Polycystic Ovary Syndrome. <i>Reproductive Sciences</i> , 2018 , 25, 1629-1636	3	4
25	ALK3-SMAD1/5 Signaling Mediates the BMP2-Induced Decrease in PGE2 Production in Human Endometrial Stromal Cells and Decidual Stromal Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 573028	5.7	4
24	The regulation of IGFBP3 by BMP2 has a role in human endometrial remodeling. <i>FASEB Journal</i> , 2020 , 34, 15462-15479	0.9	4
23	Bone morphogenetic protein 2 upregulates SERPINE2 expression through noncanonical SMAD2/3 and p38 MAPK signaling pathways in human granulosa-lutein cells. <i>FASEB Journal</i> , 2021 , 35, e21845	0.9	4
22	SMAD-dependent signaling mediates morphogenetic protein 6-induced stimulation of connective tissue growth factor in luteinized human granulosa cells. <i>Biology of Reproduction</i> , 2019 , 101, 445-456	3.9	3
21	The p38 signaling pathway mediates the TGF- β -induced increase in type I collagen deposition in human granulosa cells. <i>FASEB Journal</i> , 2020 , 34, 15591-15604	0.9	3
20	GDF8 Promotes the Cell Invasiveness in Human Trophoblasts by Upregulating the Expression of Follistatin-Like 3 Through the ALK5-SMAD2/3 Signaling Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 573781	5.7	3
19	Gonadotropin-releasing hormone analogs: Mechanisms of action and clinical applications in female reproduction. <i>Frontiers in Neuroendocrinology</i> , 2021 , 60, 100876	8.9	3
18	Constitutive and conditional cadherin expression in cultured human ovarian surface epithelium: Influence of family history of ovarian cancer 1999 , 81, 180		3
17	ALK4-SMAD3/4 mediates the effects of activin A on the upregulation of PAI-1 in human granulosa lutein cells. <i>Molecular and Cellular Endocrinology</i> , 2020 , 505, 110731	4.4	2
16	Transvaginal ovarian drilling followed by controlled ovarian stimulation from the next day improves ovarian response for the poor responders with polycystic ovary syndrome during IVF treatment: a pilot study. <i>Reproductive Biology and Endocrinology</i> , 2020 , 18, 7	5	2
15	Outcomes comparison of IVF/ICSI among different trigger methods for final oocyte maturation: A systematic review and meta-analysis. <i>FASEB Journal</i> , 2021 , 35, e21696	0.9	2
14	Cell-Cell Interactions in Ovarian Follicles: Role of TGF- β Superfamily Members 2019 , 107-125		2
13	Bone morphogenetic protein 6 affects cell-cell communication by altering the expression of Connexin43 in human granulosa-lutein cells. <i>Molecular and Cellular Endocrinology</i> , 2019 , 498, 110548	4.4	1
12	Recent progress in the treatment of women with diminished ovarian reserve. <i>Gynecology and Obstetrics Clinical Medicine</i> , 2021 ,		1
11	Bone morphogenetic protein 2 inhibits growth differentiation factor 8-induced cell signaling via upregulation of gremlin2 expression in human granulosa-lutein cells. <i>Reproductive Biology and Endocrinology</i> , 2021 , 19, 173	5	1
10	CCN2 Mediates S1P-Induced Upregulation of COX2 Expression in Human Granulosa-Lutein Cells. <i>Cells</i> , 2019 , 8,	7.9	1

9	Physiological roles of activins in the human ovary. <i>Journal of Bio-X Research</i> , 2018 , 1, 111-119	0.4	1
8	Dysregulated BMP2 in the Placenta May Contribute to Early-Onset Preeclampsia by Regulating Human Trophoblast Expression of Extracellular Matrix and Adhesion Molecules.. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 768669	5.7	1
7	BMP2 suppresses the production of pentraxin 3 in human endometrial stromal and decidual stromal cells.. <i>FASEB Journal</i> , 2022 , 36, e22319	0.9	1
6	TGF- β inhibits microvascular-like formation by decreasing VCAM1 and ICAM1 via the upregulation of SNAIL in human granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2021 , 535, 111395	4.4	0
5	Extra-pituitary function of GnRH-I and GnRH-II in human reproduction. <i>FASEB Journal</i> , 2006 , 20, A352	0.9	
4	BONE MORPHOGENETIC PROTEIN 2 PROMOTES HUMAN TROPHOBLAST CELL INVASION AND ENDOTHELIAL-LIKE TUBE FORMATION THROUGH ID1-MEDIATED UP-REGULATION OF IGF BINDING PROTEIN-3. <i>Journal of Hypertension</i> , 2021 , 39, e340	1.9	
3	The interleukin 6 trans-signaling increases prostaglandin E2 production in human granulosa cells. <i>Biology of Reproduction</i> , 2021 , 105, 1189-1204	3.9	
2	BMP6 increases CD68 expression by up-regulating CTGF expression in human granulosa-lutein cells. <i>Molecular and Cellular Endocrinology</i> , 2021 , 536, 111414	4.4	
1	Connective tissue growth factor mediates bone morphogenetic protein 2-induced increase in hyaluronan production in luteinized human granulosa cells.. <i>Reproductive Biology and Endocrinology</i> , 2022 , 20, 65	5	